

CLAIMS

What is claimed is:

1 1. A method comprising:
2 generating a packet in response to a predetermined event;
3 storing the packet locally;
4 forwarding the packet with a client messaging application to a server messaging
5 application via a network connection managed by the client messaging application; and
6 dispatching the packet with the server messaging application to a messaging
7 handler that processes the packet.

1 2. The method of claim 1 wherein the packet includes a target identifier and
2 a variable length data field.

1 3. The method of claim 2 wherein the messaging server application selects a
2 messaging handler from a plurality of messaging handlers based on the target identifier.

1 4. The method of claim 1 further comprising:
2 generating an acknowledge message in response to the packet being dispatched to
3 the messaging handler; and
4 communicating the acknowledge message from the messaging server application
5 to the messaging client application.

5. The method of claim 4 wherein further comprising dropping the packet from the local storage in response to the acknowledge message being received by the messaging client application.

6. An article comprising a machine-accessible medium to provide machine-readable instructions that, when executed, cause one or more electronic systems to:

- generate a packet in response to a predetermined event;
- store the packet locally;
- forward the packet with a client messaging application to a server messaging application via a network connection managed by the client messaging application; and
- dispatch the packet with the server messaging application to a messaging handler that processes the packet.

7. The article of claim 6 wherein the packet includes a target identifier and a variable length data field.

8. The article of claim 7 wherein the messaging server application selects a messaging handler from a plurality of messaging handlers based on the target identifier.

9. The article of claim 6 further comprising sequences of instructions that, when executed, cause the one or more electronic systems to:

generate an acknowledge message in response to the packet being dispatched to the messaging handler; and

5 communicate the acknowledge message from the messaging server application to
6 the messaging client application.

1 10. The article of claim 9 wherein further comprising sequences of
2 instructions that, when executed, cause the one or more electronic systems to drop the
3 packet from the local storage in response to the acknowledge message being received by
4 the messaging client application.

1 11. A computer data signal embodied in a data communications medium
2 shared among a plurality of network devices comprising sequences of instructions that,
3 when executed, cause one or more electronic systems to:
4 generate a packet in response to a predetermined event;
5 store the packet locally;
6 forward the packet with a client messaging application to a server messaging
7 application via a network connection managed by the client messaging application; and
8 dispatch the packet with the server messaging application to a messaging handler
9 that processes the packet.

1 12. The computer data signal of claim 11 wherein the packet includes a target
2 identifier and a variable length data field.

1 13. The computer data signal of claim 12 wherein the messaging server
2 application selects a messaging handler from a plurality of messaging handlers based on
3 the target identifier.

1 14. The computer data signal of claim 11 further comprising sequences of
2 instructions that, when executed, cause the one or more electronic systems to:
3 generate an acknowledge message in response to the packet being dispatched to
4 the messaging handler; and
5 communicate the acknowledge message from the messaging server application to
6 the messaging client application.

1 15. The computer data signal of claim 14 wherein further comprising
2 sequences of instructions that, when executed, cause the one or more electronic systems
3 to drop the packet from the local storage in response to the acknowledge message being
4 received by the messaging client application.

1 16. A network architecture comprising:
2 a client electronic system having one or more processors to run one or more
3 programs and a memory system coupled to the processor, the memory system to store
4 one or more message packets, wherein the one or more processors also runs a messaging
5 client that forwards message packets stored in the memory system; and
6 a server electronic system coupled to the client electronic system, the server
7 electronic system having one or more processors to run one or more programs in a

8 memory system coupled to the processor, wherein the one or more processors runs a
9 messaging server that receives forwarded messages from the messaging client and
10 processes the messages in a predetermined manner.

1 17. The network architecture of claim 16 further comprising a second client
2 electronic system having one or more processors to run one or more programs and a
3 memory system coupled to the processor, the memory system to store one or more
4 message packets, wherein the one or more processors also runs a messaging client that
5 forwards message packets stored in the memory system, and further wherein the one or
6 more processors runs a messaging server that receives forwarded messages from the
7 messaging client of the second client electronic system and processes the messages in a
8 predetermined manner.